

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

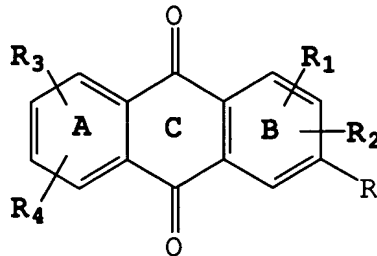
LISTING OF CLAIMS

Claim 1 (Cancelled)

-2- (Currently Amended)

A method of inhibiting a parasitic helminth, which comprises:

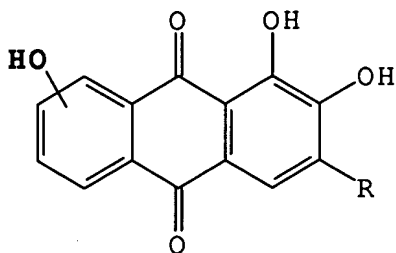
exposing the helminth to an antihelminthic amount of at least one anthraquinone of the formula:



wherein R₁, R₂, R₃, and R₄ are each selected from the group consisting of hydrogen, hydroxy, halogen, alkyl, acetyl, ~~substituted alkyl~~, alkene, ~~substituted alkene~~, alkyne, aryl, ~~substituted aryl~~, cyclic, ~~substituted cyclic~~, acid group, carbohydrate, and combinations thereof, R is a ~~group~~ containing 1 to 12 carbons selected from the group consisting of methyl, alkyl, ~~substituted alkyl~~, aldehyde, ~~hydroxy~~, hydroxymethyl, acid group, and carbohydrate, each carbon containing R containing 1 to 12 carbon atoms ~~and combinations thereof~~, and the halogen is selected from the group consisting of I, F, Br, and Cl.

-3- (Currently Amended)

The method of Claim 2 wherein the anthraquinone has the formula:



wherein R is a group containing 1 to 12 carbons selected from the group consisting of methyl, alkyl, acetyl ~~substituted alkyl~~, aldehyde, ~~hydroxy~~, hydroxymethyl, acid ~~group~~, and carbohydrate groups each containing 1 to 12 carbon atoms, and combinations thereof.

-4- (Currently Amended)

The method of Claim ~~1~~ or 2 wherein the anthraquinone is 1,2,8-trihydroxy-3-methyl anthraquinone.

-5- (Currently Amended)

The method of Claim ~~1~~ or 2 wherein the anthraquinone is 1,2,8-trihydroxy-3-hydroxymethyl anthraquinone.

-6- (Currently Amended)

The method of Claim ~~1~~ or 2 wherein the inhibition is *in vitro*.

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-7- (Currently Amended)

The method of Claim ~~1~~^{or} 2 wherein the inhibition
is *in vivo*.

Claims 8 - 33 (Cancelled)